LISTA LUCRĂRILOR ŞTIINTIFICE SUB AFILIEREA

Universităţii „Aurel Vlaicu” din Arad

Șef de lucrări Dr. Ing. Elena Stela Wisznovszky (Muncuţ)

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Teza de doctorat

Contribuţii la **Optimizarea procesului de sudobrazare MIG/MAG-CMT a îmbinărilor disimilare din table subțiri**,

Conducător Ştiinţific: Prof. Dr. ing. Dorin Dehelean – susţinută în 29.01.2013 la Universitatea Politehnica din Timișoara.

A1 - ACTIVITATEA DIDACTICĂ ŞI PROFESIONALĂ

A1.1 Cărţi şi capitole în cărţi de specialitate

1.1.1.Cărți/manuale/monografii/ capitole de specialitate ca autor

1.1.1.2 Naţionale (Ed.recunoscute CNCSIS);

1.1.1.2.1 E. MUNCUŢ, Gh. Sima, D. Mortoiu, Sisteme de fabricație flexibile-Roboți industriali, Ed. Universității Aurel Vlaicu, 2013, ISBN 978-973-752-670-0, pagini 141.

1.1.1.2.2 E. MUNCUŢ, Optimizarea procesului de sudobrazare MIG/MAG-CMT a îmbinărilor disimilare din table subţiri, 130 pagini, Ed. Politehnica - Timisoara, 2013, ISBN 978-606-554-587-8, ISSN 1842-8967

1.1.1.2.3 Erdodi Geza-Mihai, MUNCUT ELENA-STELA, Babescu Marius, Autovehicule electrice si hibride, Editura Politehnica Timisoara, 2019, ISBN 978-606-35-0330-6, nr. pagini 241**.**

1.1.1.2.4 WISZNOVSZKY (MUNCUT) ELENA-STELA, Termeni și elemente introductive de statistică, Ed. Guttenberg Univers, Arad, Romania 2024, ISBN , pag 108.

A1.2. Alte materiale didactice . Material didactic / Lucrări didactice

1.2.1 Manuale didactice / Monografii

1.2.1.1 **E. MUNCUȚ**, Gh. Sima, B.F. Tănăsoiu, Dispozitive de asamblare a construcțiilor metalice, Ed. Guttenberg Univers, Arad, Romania 2017, ISBN 978-606-675-155-1, pag 189.

1.2.1.2 WISZNOVSZKY (MUNCUT) ELENA-STELA, Sima Gheorghe, Tehnologii de control în procedee industrial, Arad 2020, ISBN 978-606-675-292-3, nr. pagini 259.

A1.3. Coordonare de programe de studii, organizare şi coordonare programe de formare continuă

1.3.1 Responsabil program de studii - Ingineria Sudării (Facultatea de Inginerie) – studii de licenta

1.3.2 Presedinte Comisia de monitorizare, revizuire si actualizare a planului de invatamant

A1.4 Dezvoltare de noi discipline

1.4.1 ClDD3O03 Designul produselor sudate (2020-2021) anul II Ingineria Sudării

1.4.2 ClDS8A16 Verificarea procedeelor de sudare (2020-2021) anul IV Ingineria Sudării

1.4.3 ClDS8O10 Procedee neconvenționale de sudare (2020-2021) anul IV Ingineria Sudării

1.4.4 ClDS5O05 Tehnologii și echipamente de control (2021-2022) anul III Ingineria Sudării

1.4.5 ClDS8O09 Mecanizarea și automatizarea procedeelor de sudare (2020-2021) anul IV Ingineria Sudării

A1.5 Proiecte educaţionale (Erasmus, Leonardo etc.) - Director/ Responsabil/Membru

1.5.1. Titlul proiectului: „Parteneriat dezvoltat pentru CONsilierea şi PRACTIca Studenţilor în vederea creşterii angajabilităţii lor - CONPRACTIS" Contract nr. POSDRU/189/2.1/G/156607, Perioada 04.08.2015-29.12.2015, pentru funcția de **Responsabil de practică** COR 242104 - **Muncuț Elena**.

1.5.2 Titlul proiectului: Dezvoltarea competențelor de cercetare avansată şi aplicată în logica STEAM + Health POCU/993/6/13/153310„Contract nr. POSDRU/189/2.1/G/156607, Perioada 21.10.2022 pentru durata de 12 luni, pentru funcția de **Mentor postdoctorat - Wisznovszky (Muncuț) Elena.**

A2. ACTIVITATEA DE CERCETARE

A2.1 Articole în reviste cotate ISI Thomsom Reuters şi în volume indexate ISI Proceedings

2.1.1 Reviste

2.1.1.1 **Elena Stela WISZNOVSZKY**, Attila GEROCS, Lavinia Ioana CULDA, Andrei KOMJATY, Geza-Mihai ERDODI, CHAIN TRANSMISSION MECHANISM USED TO REDUCE THE REACTION MOMENT FOR MACHINERY THAT PERFORMS ROTATIONAL MOVEMENT AROUND ITS OWN, Series: Applied Mathematics, Mechanics, and Engineering, Vol. XX, Issue 2, sept., 2024

2.1.1.2 Lavinia Culda, **Elena Stela Muncut(Wisznovszky)** and Attila Gerőcs, SIMULATION OF FEEDING OF MACHINE TOOLS USING ROBOT ARMS, Series: Applied Mathematics, Mechanics, and Engineering, Vol. XX, Issue 2, sept., 2024, FI 2023=0,1 dovada de publicare in septembrie 2024.
http://artn.ro/conference2023/Programe/PROGRAM_CONFERINTA_ICNcT_2023_modif.pdf

2.1.1.3 Lavinia Culda, **Elena Stela Wisznovszky**, Geza-Mihai Erdodi, SMART LABELLING, MORE CONTROL OVER AUTOMATED CAR PRODUCTION, Ingineria autobobilului, nr.72/septembrie 2024, ISSN 1842-4074, pp23-27.

2.1.1.4 Attila Gerőcs, ELENA WISZNOVSZKY (MUNCUT), Andrei Komjaty, Ramona Lile, István Bíró, Kinematic and Dynamic Study of an Inertial System Transforming Rotational Motion into Unidirectional Linear Motion, Technical gazette, Vol. 30 No. 3, 2023, pag. 980-987, FI=1,0, ISSN 1848-6339 (Online), ISSN 1330-3651 (Print), data 23.04.2023.
https://doi.org/10.17559/TV-20220915105456

2.1.1.5. Andrei KOMJATY, Attila GERÖCS, **ELENA WISZNOVSZKY (MUNCUT)**, Lavinia Ioana CULDA**,** SYSTEM FOR TRANSFORMING ROTATIONAL MOTION INTO UNIDIRECTIONAL LINEAR MOTION WITH THE HELP OF WEIGHTS MOUNTED ON RADIALLY SLIDING RODS, FOR AUTOMOTIVE/ SISTEM INERŢIAL DE TRANSFORMARE A MIŞCĂRII DE ROTAŢIE ÎN MIŞCARE LINIARĂ UNIDIRECŢIONAL CU AJUTORUL UNOR GREUTĂŢI MONTATE PE TIJE RADIAL CULISANTE**,** Ingineria automobilului, Nr. 68 / septembrie 2023, pg.16-20, ISSN 1842 – 4074, FI =0,01,
http://siar.ro/wp-content/uploads/2023/08/rIA68-final.pdf

2.1.1.6 Adrian Marcel MORARIU, Dan Ovidiu GLAVAN, **ELENA MUNCUT (WISZNOVSZKY)**, Ioan RADU, Andrei KOMJATY, COMPARARTIVE STUDY BETWEEN PROGRAMMING IN A DESIGN PROGRAM AND A CNC PROGRAM, Acta Techinca Napocensis. Series: Applied Mathematics, Mechanics and Engineering, Vol 65, No 1 Page 133-142 SI (FEB 2022), ISBN 1221-5872.
https://www.webofscience.com/wos/woscc/full-record/WOS:000773188500015

2.1.2. Conferinte (Proceedings)

2.1.2.1. Geröcs Attila, **WISZNOVSZKY ELENA STELA**, Dan Ovidiu Glavan, Komjaty Andrei, Muller Valentin, Erdodi Geza-Mihai, Lavinia Culda, MATHEMATICAL AND GRAPHICAL MODELLING OF AN INERTIAL SYSTEM THAT USES THE FORCE OF INERTIA OF A LIQUID, MECHANICAL ENGINEERING TECHNOLOGY, International Engineering Conference, ANNUAL SESSION OF SCIENTIFIC PAPERS "IMT Oradea 2022", Data publicării 2022/10/1, Volumul 1256, Numărul 1, Pagini 012005,
https://iopscience.iop.org/article/10.1088/1757-899X/1256/1/012005

2.1.2.2. Andrei Komjaty, **WISZNOVSZKY (MUNCUT) ELENA STELA** and Lavinia Ioana Culda, STUDY ON THE INFLUENCE OF TECHNOLOGICAL PARAMETERS ON 3D PRINTING WITH SLA TECHNOLOGY, MATEC Web Conf., Volume 343, 2021 10th INTERNATIONAL CONFERENCE MANUFACTURING SCIENCE AND EDUCATION - MSE 2021-, 01003, Section Design, Manufacturing and Management of Technological Equipment and Systems, Published online 04 August 2021,
https://doi.org/10.1051/matecconf/202134301003

2.1.2.3. Culda Lavinia Ioana, **WISZNOVSZKY (MUNCUT) ES**, GM Erdodi, TRANSFORMING 3D PRINTED CNC PROTOTYPE INTO A PLOTTER, The Annual Session of Scientific Papers - IMT Oradea 2021, IOP Conf. Series: Materials Science and Engineering 1169 (2021) 012013 IOP Publishing doi:10.1088/1757-899X/1169/1/012013,
https://iopscience.iop.org/article/10.1088/1757-899X/1169/1/012013

2.1.2.4 **ELENA-STELA MUNCUT**, Lavinia-Ioana Culda, Geza-Mihai Erdodi and Gheorghe Sima, THE WELDING PROGRAM OPTIMIZATION OF A S355 STEEL ASSEMBLY USED IN AGRICULTURAL MACHINERY, 9th INTERNATIONAL CONFERENCE ON MANUFACTURING SCIENCE AND EDUCATION -MSE 2019- June 5-7, Sibiu, Romania, vol. II,2019, Ed. a IX – a, ISSN 2559-2963, ISSN-L 2559-2963, MATEC Web of Conferences 290, 08014 (2019), EDP Sciences, DOI: 10.1051/matecconf/201929008014, 10 pags.WOS:000569367700104
https://doi.org/10.1051/matecconf/201929008014

2.1.2.5. Lavinia-Ioana Culda, **ELENA-STELA MUNCUT** and Geza-Mihai Erdodi, THE ANALYSIS OF THE ROBOTIZED HANDLING OF OXYGEN GAS TANKS WITH THE HELP OF THE PETRI NETWORKS, 9th INTERNATIONAL CONFERENCE ON MANUFACTURING SCIENCE AND EDUCATION -MSE 2019- June 5-7, Sibiu, Romania, vol. II,2019, Ed. a IX – a, ISSN 2559-2963, ISSN-L 2559-2963, MATEC Web of Conferences 290, 08006 (2019), EDP Sciences, DOI: 10.1051/matecconf/201929008006, 9 pags.
https://doi.org/10.1051/matecconf/201929008006

2.1.2.6. **E S MUNCUT**, CULDA LAVINIA IOANA, G M Erdodi and G Sima, 8D COMPLAINT SOLVING METHOD IN AN AUTOMOTIVE COMPONENT PROCESSING COMPANY, International Conference ANNUAL SESSION OF SCIENTIFIC PAPERS "IMT Oradea 2019", The Proceedings of Conference IMT Oradea 2019, ISSN 2501-5769(CD edition), IOP Conf. Ser.: Mater. Sci. Eng. 568 012020, pp 102-106, 5pg.,
https://iopscience.iop.org/article/10.1088/1757-899X/568/1/012020

2.1.2.7. Culda Lavinia Ioana, **E S MUNCUT** and Andrei Komjaty, RAPID FILAMENT PROTOTYPING OF A BIONIC HAND, International Conference ANNUAL SESSION OF SCIENTIFIC PAPERS "IMT Oradea 2019", The Proceedings of Conference IMT Oradea 2019, ISSN 2501-5796 (CD edition), Mater. Sci. Eng. 568 012105 pp 583-587., 5pg, https://doi.org/10.1051/matecconf/201929008006

2.1.2.8. Gheorghe Sima, **ELENA MUNCUT**, Aurelia Tanasoiu and Adriana Motica, The Process of Weld Brazing CMT (Cold Metal Transfer Pulse) for Assembly of the Different Thin Sheets, The 21th edition of IManEE 2017 International Conference, 03 July 2017, Iasi, Romania, vol. 112 ISSN 2067-3604, https://doi.org/10.1051/matecconf/201711203010

2.1.2.9. Sima Gheorghe, Dan Glăvan, Alexandru Popa, **ELENA MUNCUT**, HARD AS A ROCK OR DEFORMATION CONTROLLED? Proceedings of the 6th International Workshop on Soft Computing Applications SOFA 2014, Volume 2, Series: Advances in Intelligent Systems and Computing, Vol. 356, Editors: Valentina E. Balas, Lakhmi C. Jain, Branko Kovačević, Springer Verlag, 2016, ISBN 978-3-319-18295-7, WOS:000452853200011(ARC Cat. C, SCOPUS, ISI Proceedings), DOI: 10.1007/978-3-319-18296-4_11
https://www.webofscience.com/wos/woscc/full-record/WOS:000452853200011

2.1.2.10. Gheorghe Sima, Ramona Lile, Glavan Dan and **ELENA MUNCUT**, MANAGEMENT, TRACEABILITY AND CONTROL OL INDUSTRIAL PROCESSES, Proceedings of the 6th International Workshop on Soft Computing Applications SOFA 2014, Volume 1, Series: Advances in Intelligent Systems and Computing, Vol. 357, Editors: Valentina E. Balas, Lakhmi C. Jain, Branko Kovačević, Springer Verlag, 2016, ISBN 978-3-319-18415-9 (ARC Cat. C, SCOPUS, ISI Proceedings), DOI:10.1007/978-3-319-18416-6_77
https://www.webofscience.com/wos/woscc/full-record/WOS:000452854600021

2.1.2.11. **MUNCUT E.**, Perianu A., Glavan D., Sima Gheorghe, Structural Analysis for Joining Dissimilar Thin Sheets with CMT (Cold Metal Transfer) Process, Structural Integrity of Welded Structures XI 03-05.06.2015, Advanced Materials Research volume 1111, pp. 49-55. ISSN 1022-6680, https://doi.org/10.4028/www.scientific.net/AMR.1111
Muncut (Wisznovszky) Elena Stela - Web of Science Core Collection

2.2. Articole în reviste şi volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale

2.2.1 Reviste BDI/B+

2.2.1.1 Lavinia Culda, **ELENA STELA MUNCUT (WISZNOVSZKY)**, RFID Technology in Production and Post Production for the Automotive Industry, Robotica & Management, Vol. 28, No. 1, pp. 21-28, DOI: https://doi.org/10.24193/rm.2023.1.3, International Journal, ISSN-L: 1453-2069; Print ISSN: 1453-2069; Online ISSN: 2359-9855,
https://rm.reviste.ubbcluj.ro/issues/vol-28-no-1-june-2023/rfid-technology-in-production-and-post-production-for-the-automotive-industry/

2.2.1.2. Attila Gerőcs, **ELENA STELA WISZNOVSZKY**, Andrei Komjaty, Inertia system (inertia system) for converting back-and-forth motion on a semicircular track into unidirectional linear motion (Tehetetlenségi rendszer (inerciarendszer) a félkör pályán történő oda-vissza mozgás egyirányú lineáris mozgássá való alakításához), Journal of the Institute of Engineering Management and Economics of the Faculty of Engineering of the University of Szeged, jun 21, 2023, ISSN 1788-7593 / Print, ISSN 2676-9867/ Online,
DOI:
https://doi.org/10.14232/jtgf.2023.kulonszam.173-182

2.2.1.3. **WISZNOVSZKY (MUNCUT) E.S.**, Culda L.I., Automation of the process for obtaining the safety panel used on a road vehicle, Robotica & Management, International Journal, ISSN-L: 1453-2069; Print ISSN: 1453-2069; Online ISSN: 2359-9855, Vol. 27, No. 1, June **2022**, DOI:
https://doi.org/10.24193/rm.2022.1.4

2.2.1.4. Stelica Timofte, Zoltan Korka, Attila Gerocs, **ELENA STELA MUNCUT** and Camelia Rodica Sfetcu, KINEMATIC AND DYNAMIC INVESTIGATION OF A NOVEL INERTIAL PROPULSION DRIVE, Published August 2022, Analecta Technica Szegedinensia Vol. 16 No. 1(**2022**): pp. 27-32, Project: Inertial drives,
https://doi.org/10.14232/analecta.2022.1.27-33

2.2.1.5. **ELENA STELA MUNCUȚ**, Florin Pîrvu, PNEUMATIC ACTUATION OF LASER BEARING ENGRAVING STATION, Vol 25 No 4 (2021), Nonconventional Technologies Review, Published: 2021-12-31, ISSN 2359 – 8654; ISSN-L 2359 – 8646, pp.20-24,
https://www.revtn.ro/index.php/revtn/article/view/355

2.2.1.6. Culda, Lavinia Ioana; **MUNCUT, ELENA STELA**; Komjaty, Andrei, ROBOTS E-LEARNING AND USE OF LEGO KITS WHEN BUILDING HEXAPOD, Robotica & Management. Dec2020, Vol. 25 Issue 2, ISSN-L: 1453-2069; Print ISSN: 1453-2069; Online ISSN: 2359-9855 Editura Eftimie Murgu, Resita p12-17. 6p,
http://robotica-management.uem.ro/index.php?id=733&L=1

2.2.1.7. Andrei Komjaty, **MUNCUT ELENA STELA**, Geza Mihai Erdodi, FLEXIBLE ROBOTIC LINE FOR THE PROCESSING OF CAR RIMS AND PRODUCT IMPROVEMENT USING FINITE ELEMENT SIMULATION, Vol 23 No 4 (2019): Nonconventional Technologies Review, Dec 2019, Print: ISSN 2359-8646, On-line: ISSN 2359-8654.
https://www.revtn.ro/index.php/revtn/article/view/239

2.2.1.8. **ELENA STELA MUNCUT**, Bogdan Tănăsoiu, and Aurelia Tănăsoiu, Trasability of an automobile battery sensor assembly, Nonconventional Technologies Review, **June 2019**, Vol.23, Issue 2, Print: ISSN 2359 – 8646; ISSN-L 2359 – 8646; On-line: ISSN 2359 – 8654; ISSN-L 2359 – 8646, pag31-35, 5p.https://www.revtn.ro/index.php/revtn/article/view/216

2.2.1.9. Doina Mortoiu, Bogdan Tănăsoiu, Aurelia Tănăsoiu, **ELENA STELA MUNCUT** and Lucian Gal, Choosing method of composite material for the production of vehicles hood, Nonconventional Technologies Review, **June 2019**, Vol.23, Issue 2, Print: ISSN 2359 – 8646; ISSN-L 2359 – 8646; On-line: ISSN 2359 – 8654; ISSN-L 2359 – 8646, pag31-35, 5p.
https://www.revtn.ro/index.php/revtn/article/view/217

2.2.1.10 Daniel Dragu; Ioan Emeric Köles, **ELENA MUNCUT**, The rise, shine and decay of topic maps, Nonconventional Technologies Review, June 2018, Vol.22, Issue 2, Print: ISSN 2359 – 8646; ISSN-L 2359 – 8646; On-line: ISSN 2359 – 8654; ISSN-L 2359 – 8646, pag31-35, 5p.
https://www.revtn.ro/index.php/revtn/article/view/56

2.2.1.11 **ELENA STELA MUNCUT**, Gheorghe Sima, Ioan Radu, Conceiving and implementation a workstation, Nonconventional Technologies Review, **Martie 2018,** Vol.22, Issue 1, Print: ISSN 2359 – 8646; ISSN-L 2359 – 8646; On-line: ISSN 2359 – 8654; ISSN-L 2359 – 8646, pag 8-12, 5p.**https://www.revtn.ro/index.php/revtn/article/view/64**

2.2.1.12. **ELENA STELA MUNCUT**, Aurelia Tanasoiu and Valentin Muller, The modeling of the ultrasonic welding process of the airbag's sealing elements, Nonconventional Technologies Review, **Martie 2017,** Vol.21, Issue 1, Print: ISSN 2359 – 8646; ISSN-L 2359 – 8646; On-line: ISSN 2359 – 8654; ISSN-L 2359 – 8646, pag35-39, 5p.
https://www.revtn.ro/index.php/revtn/article/view/169

2.2.1.13. Doina Mortoiu, Lucian Gal, **ELENA STELA MUNCUT**, Odeta Belei, Study of optimum parameters of thermal plasma cutting, Nonconventional Technologies Review, „Politehnica" Publishing House volume XVIII no. **2/2014** Print: ISSN 2359 – 8646; ISSN-L 2359 – 8646; On-line: ISSN 2359 – 8654; ISSN-L 2359 – 8646, pag.27-33.http://www.revtn.ro/no2-2014.html,
http://journals.indexcopernicus.com/karta.php?action=masterlist&id=4979

2.2.1.14 **ELENA STELA MUNCUT**, Culda Lavinia Ioana, Sima Gheorghe, Mortoiu Doina, The study of increased height at MIG-CMT continuous or pulse combined braze-welding of the thin sheets of galvanized steel and aluminum, Nonconventional Technologies Review, „Politehnica" Publishing House volume XVII no. **2/2013** ISSN: 1454-3087, pag.46-50.

2.2.1.15 Gh., Sima, E. Muncuţ, Thermal field modeling in the MIG / MAG - CMT braze-welding process of galvanized sheets, International Journal of Engineering Science and Technology (IJEST), vol. 5, no. 10, **Oct. 2013**, ISSN : 0975-5462, pp. 1799-1807. **http://www.ijest.info/issue.php?file=vol05issue10**

2.2.2. Volumele unor manifestări ştiinţifice indexate în alte baze de date internaţionale

2.2.2.1. Attila GERÖCS, Lavinia CULDA, ELENA WISZNOVSZKY (MUNCUT), Andrei KOMJATY, Designing an Inertial System for Transforming Rotational Motion into Unidirectional Linear Motion, Book Title: Acoustics and Vibration of Mechanical Structures — AVMS-2023, Book Subtitle: Proceedings of the 17th AVMS, Timişoara, Romania, May 26–27, 2023, Springer Proceedings Phys., Chapter 23, Vol. 302, ebook ISBN: 978-3-031-48086-7.

2.2.2.2. MUNCUT ELENA STELA; Erdodi Geza Mihai; Culda Lavinia Ioana; Komjaty Andrei; Sirghie Cecilia, Determination of speed and accelaration for a plane mechanism with the instantaneous rotation center method and euler's graf-analytical method using autocad mechanical, Source: eLearning & Software for Education. 2020, Vol. 2, p420-427. 8p. DOI: 10.12753/2066-026X-20-140

2.2.2.3. MUNCUŢ ELENA STELA, Culda Lavinia Ioana, Gheorghe Sima, Doina Mortoiu, The CMT braze-welded diffusion layer study on galvanized aluminium sheets, ANNALS of the Oradea University, Fascicle of Mechanical and Technological Engineering, 2013 ISSN 1583-0691, DOI:10.15660/AUOFMTE.2013-1.2815,
http://imtuoradea.ro/auo.fmte/files-2013-v1 ,
http://imt.uoradea.ro/auo.fmte/files-2013-v1/Muncut%20Elena%20Stela.pdf

2.2.2.4 Culda Lavinia Ioana, MUNCUȚ ELENA STELA, Gheorghe Sima, Doina Mortoiu, CAD/CAM Modeling and simulation, with the CATIA, ANNALS of the Oradea University, Fascicle of Mechanical and Technological Engineering, 2013 ISSN 1583-0691, DOI:10.15660/AUOFMTE.2013-1.2782,
http://imtuoradea.ro/auo.fmte/files-2013-v1,
https://imt.uoradea.ro/auo.fmte/files-2013-v1/Culda%20Lavinia%20Ioana%201.pdf

2.3. Articole in extenso în reviste/ Proceedings naţionale/internaţionale neindexate

2.3.1. Reviste naţionale / internaţionale neindexate. Se admit maxim două articole la aceeaşi ediţie

2.3.2. Proceedings naţionale / internaţionale neindexate. Se admit maxim două articole la aceeaşi ediţie

2.3.2.1. Gheorghe SIMA, ELENA STELA MUNCUT, Geza Mihai ERDODI, Levels of progressive bearings that occur in the manufacturing line, ISREIE Edition Arad 2019, 23-25 May, UAV Arad

2.3.2.2 ELENA STELA MUNCUT, Ioan RADU, Geza Mihai ERDODI The production of steering wheels, ISREIE Edition Arad 2019, 23-25 May, UAV Arad

2.3.2.3 Sima Gh., MUNCUT E., Tanasoiu A., Moțica A., „Thermite welding of aluminotermia", Conferinta internationala – „International symposium research and education in innovation ERA 6th edition Arad, Romania, December 08-10, 2016.

2.3.2.4 Tanasoiu A., Sima Gh., MUNCUT E., Moțica A, „Railway vehicles torsional rigidity" - „International symposium research and education in innovation ERA 6th edition Arad, Romania, December 08-10, 2016

2.4. Proprietate intelectuală, brevete de invenţie şi inovaţie etc.

2.4.1. Internaţionale

2.4.2. Naţionale (standarde omologate intern)

2.4.2.1 Contract de cesiune neexclusivă a drepturilor patrimoniale de autor nr. 623/25.02.2015, încheiat pentru perioada 2 martie – 31 septembrie 2015, cu CNIPMMR – filiala Arad(cesionar) si Muncut Elena (cedent). Pentru cesiunea neexlusiva a drepturilor patrimoniale de autor în domeniul proiectării asistate pe calculator expuse sub forma de: studii, proiecte si documentațiile științifice, comunicări scrise și orale. Urmat de susținerea a 100 ore de curs practic în „Proiectarea asistată pe calculator".

2.4.2.2 Gerőcs, A., Lile Ramona, Wisznovszky Elena Stela, Sistem inerțial de transformare a mișcării de rotație în mișcare liniară unidirecțională, Cerere brevet de invenție OSIM nr. A/00677/ 18.11.2021,

https://www.webofscience.com/wos/diidw/full-record/DIIDW:202359086K

A3 Recunoașterea şi impactul activității

3.3 Membru în colectivele de redacţie sau comitete ştiinţifice ale revistelor şi manifestărilor ştiinţifice, organizator de manifestări ştiinţifice/ Recenzent pentru reviste şi manifestări ştiinţifice naţionale şi internaţionale

3.3.1. Indexate ISI

3.3.2 Indexate BDI

3.3.2.1 Ms. Ref. No.: ISM 2023-2397 Title: Autonomous Fault Monitoring for Efficient Multi-Actuator Compressed Air Systems: Data Analytics of Demand-Oriented Parameters 5th International Conference on Industry 4.0 and Smart Manufacturing - ISM 2023

3.3.3. Naţionale şi internaţionale neindexate

3.3.3.1 Membru in comitetul de organizare al manifestărilor ştiinţifice, co-organizator de manifestări ştiinţifice naţionale, neindexate

3.3.3.1.1 Membru in colectivul de organizare The 19th Edition of the International Students Scientific Communications Session of the Engineering Faculty of Aurel Vlaicu University from Arad , Editia XXV - 7-8 Iunie 2023, ARAD, ROMANIA https://cdn.uav.ro/documente-inginerie/Manisfestari-Studentesti/Program-Sesiunea-studenti-XXV-2023.pdf /

3.3.3.1.2 Membru in colectivul de organizare -Sesiunea Internațională de comunicări științifice studențești a Facultății de Inginerie UAV, ediția XXIV – 2022, ARAD, 15-16 June 2022

https://cdn.uav.ro/documente-inginerie/Manisfestari-Studentesti/Program-Sesiunea-studenti-XXIV-2022.pdf

3.3.3.1.3 Membru in colectivul de organizare Sesiunea internationala de comunicari stiintifi ce studentesti a Facultatii de Inginerie din cadrulUniversitatii "Aurel Vlaicu" din Arad, editia a XXIII-a,2021 ARAD, ROMANIA

3.3.3.1.4 Membru in colectivul de organizare The 22th Edition of the International Students Scientific Communications Session of the Engineering Faculty of Aurel Vlaicu University from Arad June 27 2020, ARAD, ROMANIA

https://issscarad2020.webnode.ro/?fbclid=IwAR1cyWaAfnJinOjClJMlsLk-GyXeHIS_rYuyJwoi4NL94ZICG2v_9_4hwGc

3.3.3.1.5 Membru in colectivul de organizare The 21th Edition of the International Students Scientific Communications Session of the Engineering Faculty of Aurel Vlaicu University from Arad 17 -19 Iunie 2019, ARAD, ROMANIA

https://sicssarad2019.webnode.ro/comitet/

3.3.3.1.6 Membru in colectivul de organizare The 20th Edition of the International Students Scientific Communications Session of the Engineering Faculty of Aurel Vlaicu University from Arad 7-9 Iunie 2018, ARAD, ROMANIA

https://sicssarad2018.webnode.ro/comitet/

3.3.3.1.7 Membru in colectivul de organizare The 19th Edition of the International Students Scientific Communications Session of the Engineering Faculty of Aurel Vlaicu University from Arad June 6-8 Iunie 2017, ARAD, ROMANIA

https://sesiunea-de-comunicari-stiintifice-studentesti.webnode.ro/comitet/

https://issscarad2021.netlify.app/

3.6. Membru în academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţa la organizaţii din domeniul educaţiei şi cercetării

3.6.4. Asociaţii profesionale

3.6.4.1. Internaționale

3.6.4.2. Naționale

MEMBRU ASR DIN 2001- PREZENT

MEMBRU ÎN ASOCIAȚIA ROMÂNA PENTRU TEHNOLOGII ALTERNATIVE SIBIU –ARTA DIN 2021 PREZENT

MEMBRU IN SIAR DIN ANUL 2022- PREZENT

23.09.2024 s.l. dr. ing. Wisznovszky Elena Stela

